

FIG.1

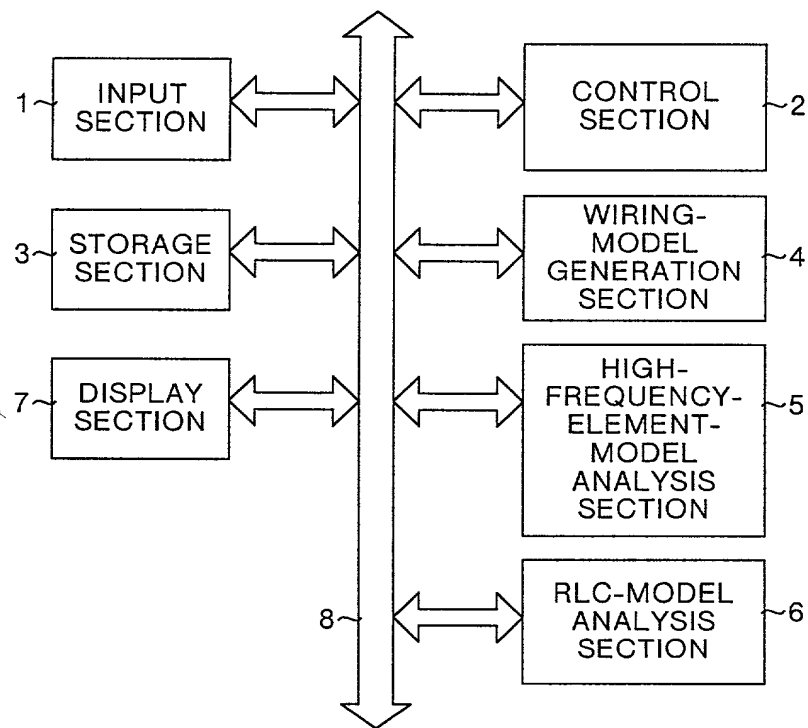


FIG.2

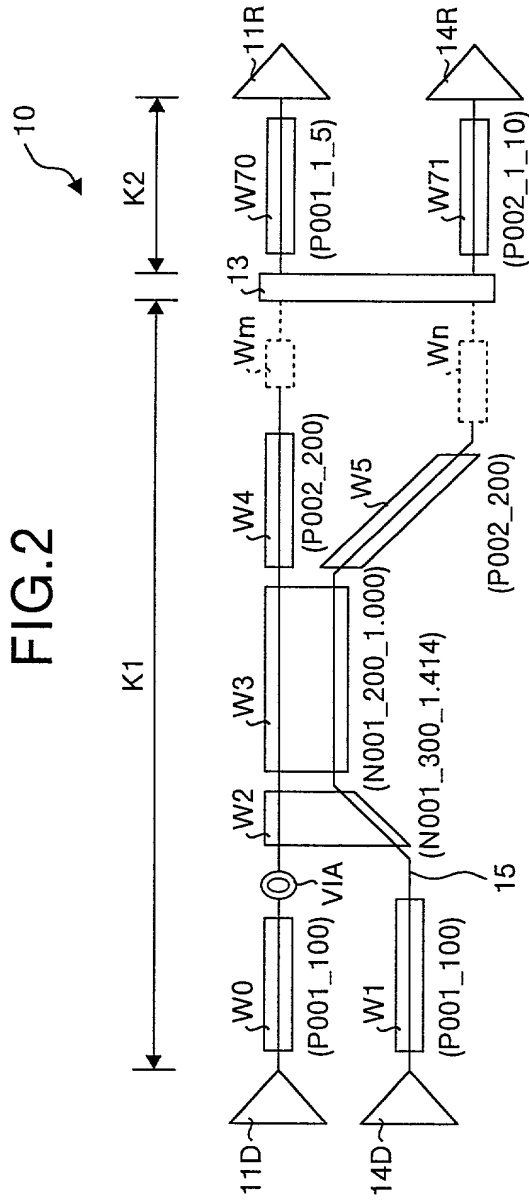


FIG.3A

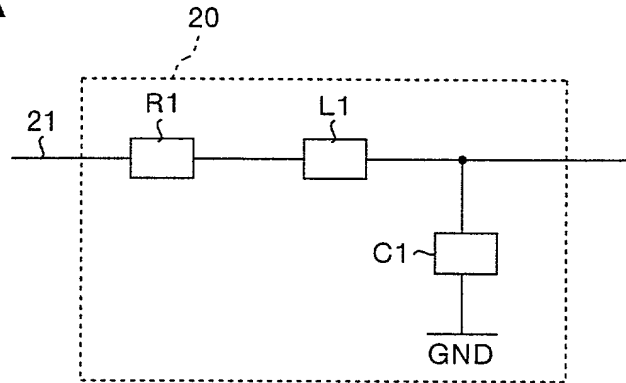


FIG.3B

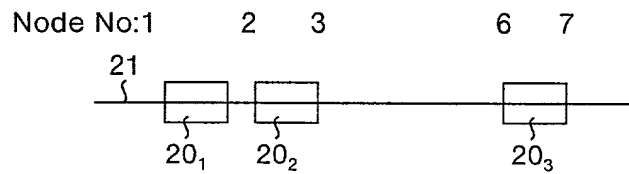


FIG.3C

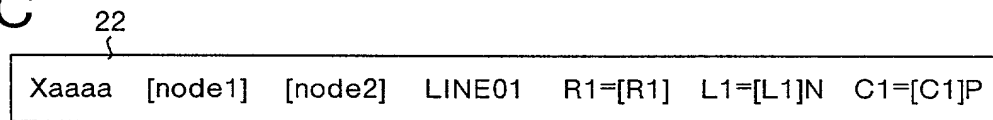


FIG.3D

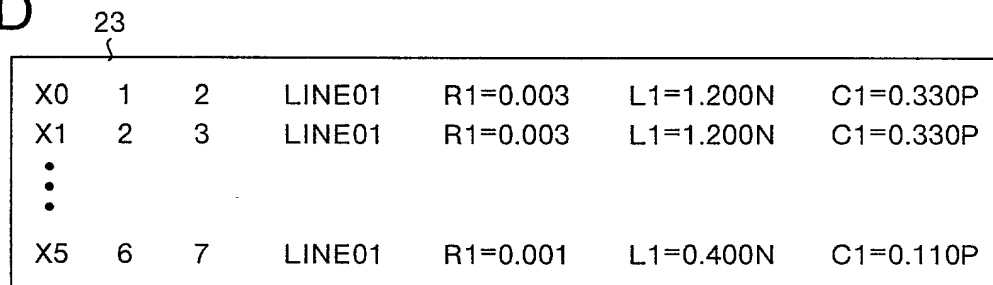


FIG.4A

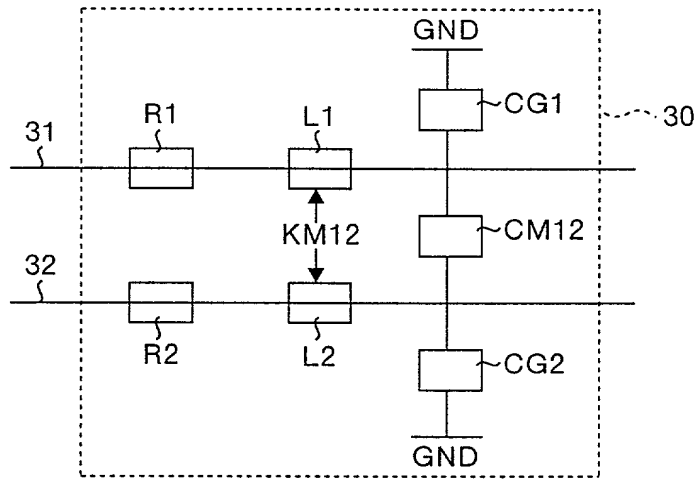


FIG.4B

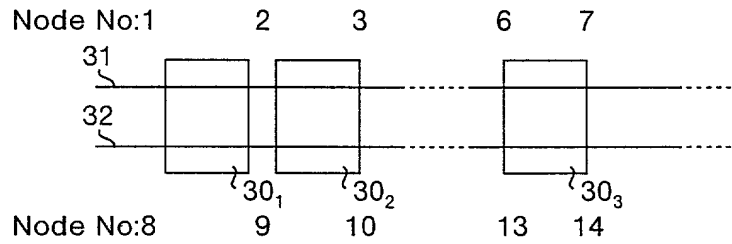


FIG.4C

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Xaaaa	[D-ed-node1]	[D-ed-node2]	[D-ing-node1]	[D-ing-node2]	LINE02
+	R1=[R1]	L1=[L1]N	CG1=[CG1]P		
+	R2=[R2]	L2=[L2]N	CG2=[CG2]P		
+	CM12=[CM12]P	KM12=[KM12]			

FIG.4D

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X0	1	2	8	9	LINE02	R1=0.003	L1=1.200N	C1=0.330P
+						R1=0.002	L1=1.000N	C1=0.200P
+						CM12=0.300P	KM12=0.200	
X1	2	3	9	10	LINE02	R1=0.003	L1=1.200N	C1=0.330P
+						R1=0.002	L1=1.000N	C1=0.200P
+						CM12=0.300P	KM12=0.200	
.								
.								
X5	6	7	13	14	LINE02	R1=0.0015	L1=0.600N	C1=0.165P
+						R1=0.001	L1=0.500N	C1=0.100P
+						CM12=0.150P	KM12=0.200	

FIG.5A

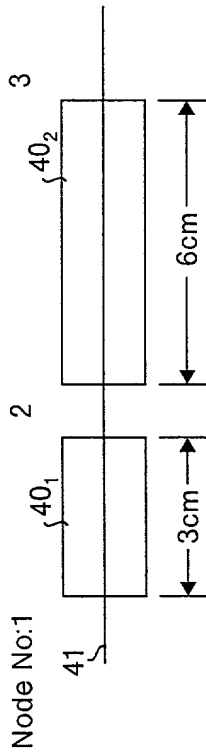


FIG.5B

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Waaaa	[node1]	0	[node2]	0	RLGcfile=[HIGH-FREQUENCY-ELEMENT FACTOR NAME]	N=1	L=[length]
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FIG.5C

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W001	1	0	2	0	RLGcfile=P001_100	N=1	L=0.03
W002	2	0	3	0	RLGcfile=P001_100	N=1	L=0.06

FIG.6A

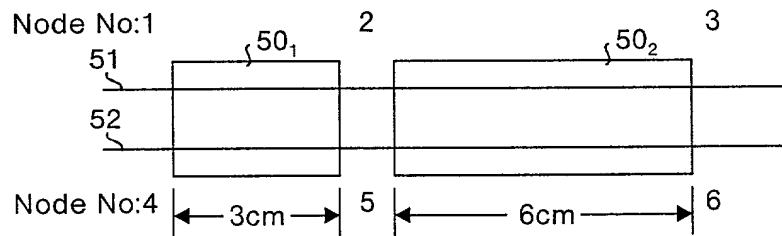


FIG.6B

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```

Waaaa [d-ed-node1] [d-ing-node1] 0 [d-ed-node2] [d-ing-node2] 0
+      RLGCfile=[HIGH-FREQUENCY-ELEMENT FACTOR NAME] N=2 L=[length]

```

FIG.6C

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W001	1	4	0	2	5	0	RLGCfile=n001_254	N=2	L=0.03
W002	2	5	0	3	6	0	RLGCfile=n001_254	N=2	L=0.06

FIG.7A

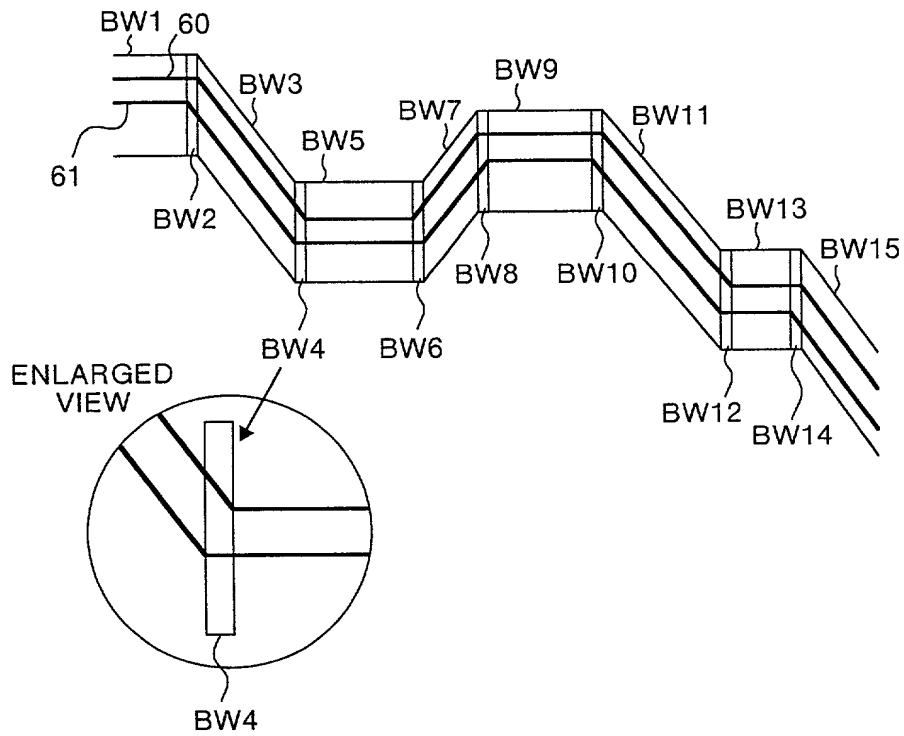


FIG.7B

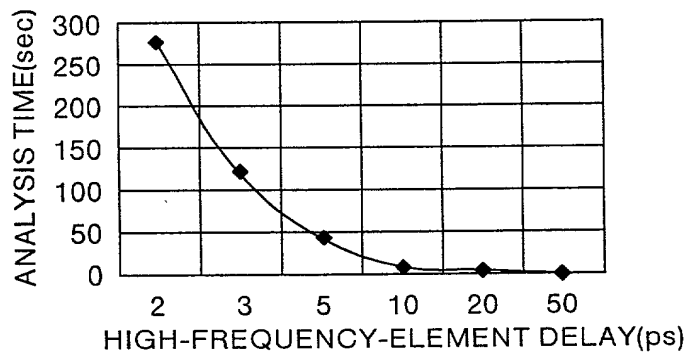


FIG.8

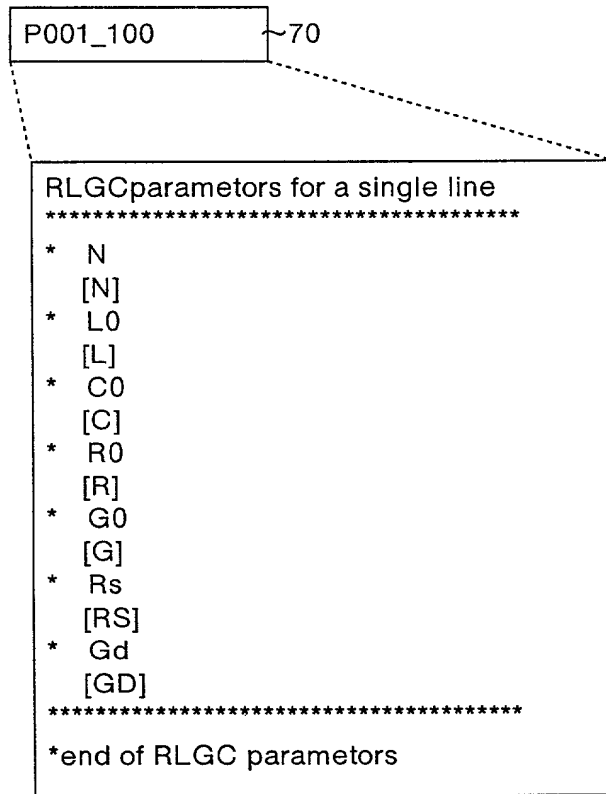


FIG.9

N001_254_1.414 ~80

RLGCparameters for a multi-conductor line

```
* N
[N]
* L0
[L11]
[L12] [L22]
* C0
[C11]
[C12] [C22]
* R0
[R11]
[R12] [R22]
* G0
[G11]
[G12] [G22]
* Rs
[RS11]
[RS12] [RS22]
* Gd
[GD11]
[GD12] [GD22]
```

*end of RLGC parameters

FIG.10

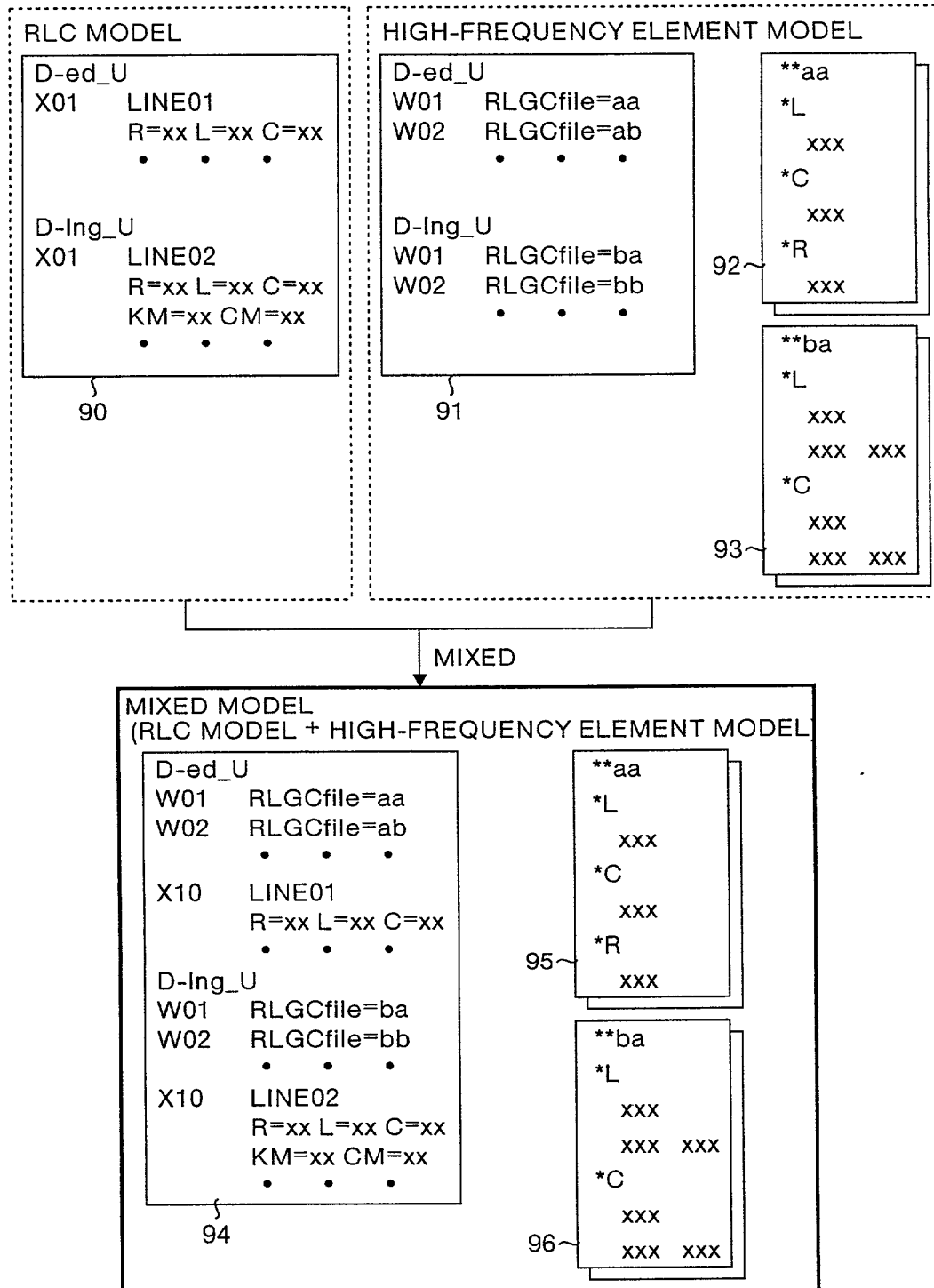


FIG.11

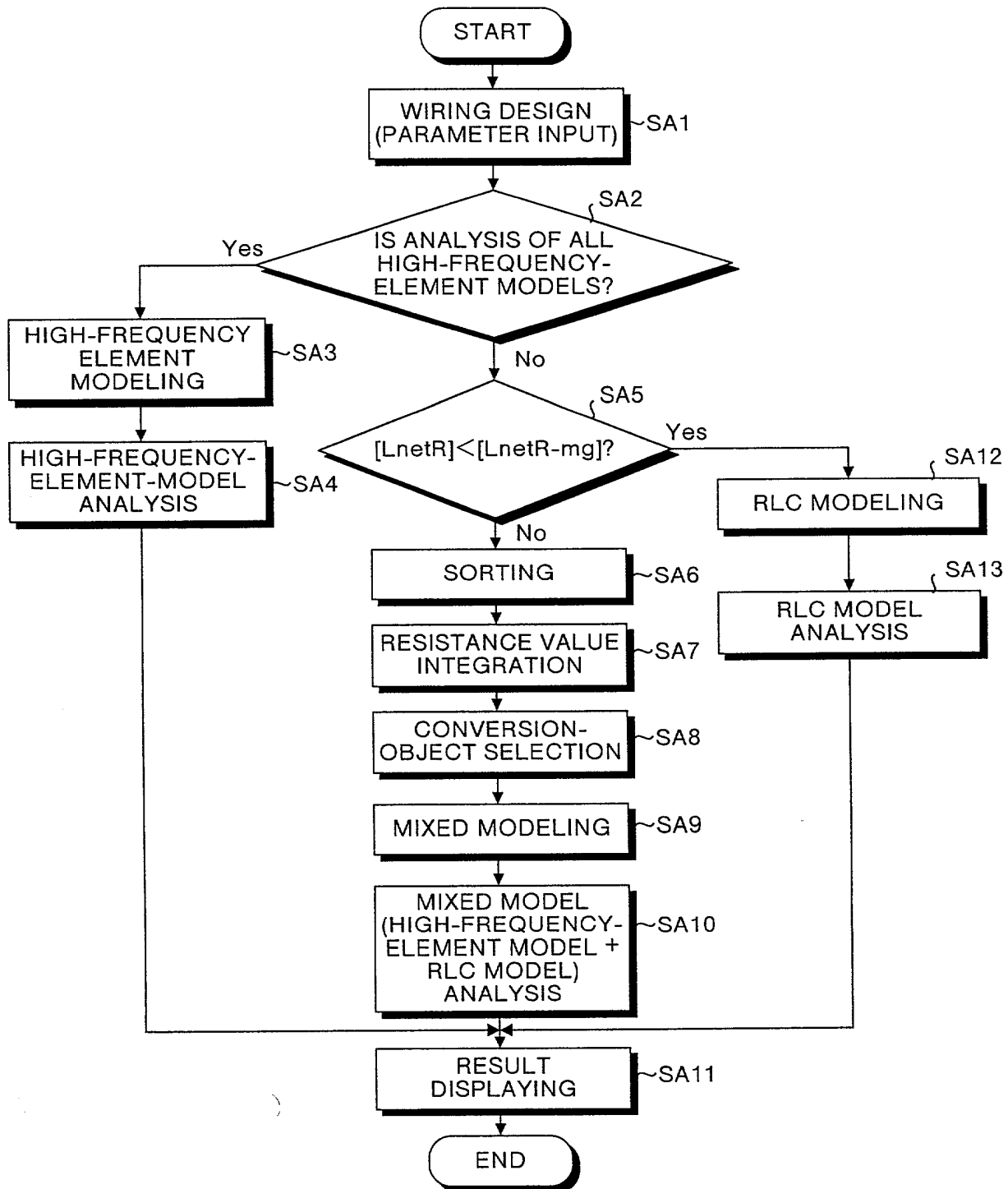


FIG.13

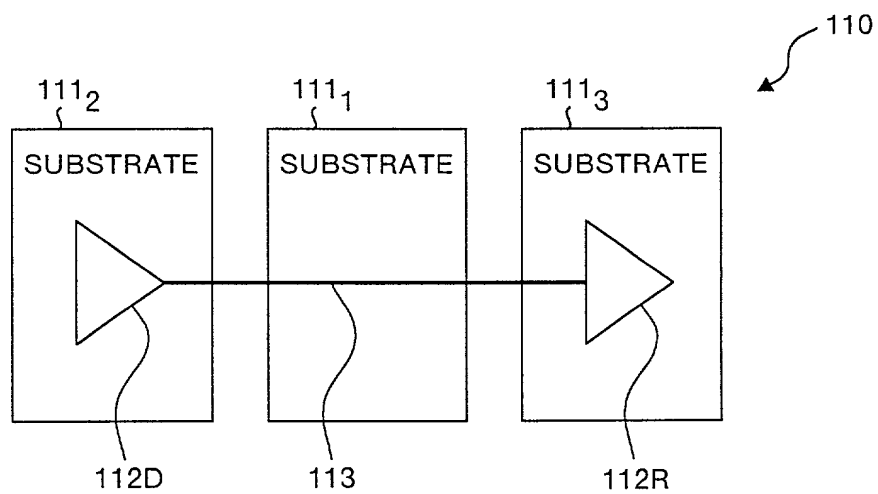


FIG.14

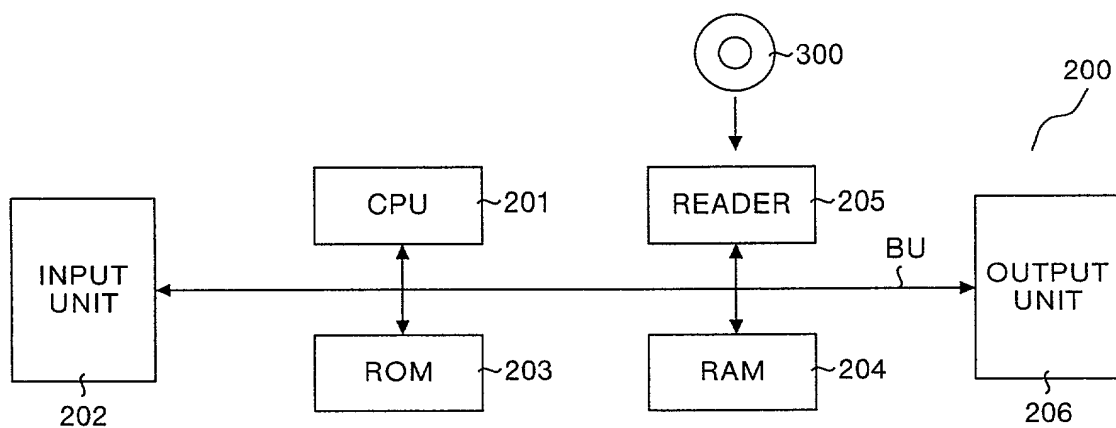


FIG.15

